

AMENDMENT

U.S. Appln. No. 09/380,579

Please add the following new claims:

Sub C11
Claim 9. A method of inducing immunological tolerance in an organ transplantation recipient which comprises the steps of:

(a) prior to organ transplantation, subjecting the recipient to total body irradiation using a sublethal radiation dose of at least 6.5 Gy, and thereafter,

(b) administering to the recipient a tolerogen effective amount of whole bone marrow cells from a graft donor by hepatic portal venous administration or by intravenous administration.

A2
Sub B1
~~Claim 10.~~ The method according to claim 9, wherein said sublethal radiation dose is in the range of 6.5 Gy to 7.0 Gy.

~~Claim 11.~~ The method according to claim 9, wherein said bone marrow cells are administered by hepatic portal venous administration.

Claim 12. The method according to claim 9, wherein said method further comprises the step of:

(c) after said administration, ~~transplanting~~ transplanting an organ into said recipient, wherein said transplanting occurs within the same day as said whole bone marrow cells are administered. ~~at~~